IN THE CLAIMS:

Please amend claims 1, 19, 20, 21, 22, and 23 as follows.

1. (Currently Amended) A communications system comprising a ~~subnetwork~~ subsystem connected to a network, the network having a first part and a second part, the first and second parts being connected so that a first user in one of the first and second parts can communicate with a second user in the other of the first and second parts, wherein at least the first user is able to move within the respective part of the system, the subsystem further comprising a gateway for permitting communications between the first and second parts, the gateway comprising a register for storing information associating the the first and second users and for storing information relating to the current location of the first user so that information from the second user can be directed to first user, wherein the first user is a mobile terminal which is in communication with a base station which is coupled to a respective network element and information relating to the the identity of the network element is stored in the register as the current location information of the first user and an identifier allocated in the network element which is arranged to receive communications intended for the first user is stored in the register.

2. (Original) A communications system as claimed in claim 1, wherein when the location of the first user changes, the information relating to the new location is stored in the register of the gateway.

Claims 3-5 (Canceled).

6. (Previously presented) A communications system as claimed in claim 1, wherein a gatekeeper element is arranged to control the updating of the register and the handover of the first user between base stations and their respective network elements.

7. (Original) A communications system as claimed in claim 6, wherein the gatekeeper element is defined by the second user as the initial destination during call setup and the gatekeeper is arranged to poll a plurality of network elements to determine the location of the first user.

8. (Original) A communications system as claimed in claim 7, wherein the gateway is transparent during call set-up procedure.

9. (Original) A communications system as claimed in claim 7, wherein after call set-up, information is forwarded directly from the gateway to the respective network element.

10. (Original) A communications system as claimed in claim 8 wherein the gateway controls the updating of the register.

11. (Original) A communications system as claimed in claim 1, wherein the system uses the internet protocol.

12. (Original) A communications system as claimed in claim 1, wherein the register stores source and destination ports and addresses.

13. (Original) A communications system as claimed in claim 12, wherein at least one of the source and destination addresses and ports are of the first and second user.

14. (Previously presented) A communications system as claimed in claim 12, wherein at least one of the source and destination addresses and ports are of an intermediate network element between the gateway and a user.

15. (Original) A communications system as claimed in claim 1, wherein the gateway is arranged to check the source and destination of all information sent between the first and second users in the first and second parts and to permit the information to be passed through gateway if the source and destination information matches the information stored in the register.

16. (Original) A communications system as claimed in claim 1, wherein the second user is a fixed user.

17. (Original)   A communications system as claimed in claim 1, wherein the second user operates in accordance with the H.323 protocol.

18. (Original)   A communications system as claimed in claim 1, wherein the first user operates in accordance with the GSM standard.

19. (Currently Amended)   A gateway for use in a communications system comprising a subsystem ~~subnetwork~~ connected to a network, the ~~sub~~-network comprising a first part and a second part, the first and second parts being connected so that a first user in one of the first and second parts can communicate with a second user in the other of the first and second parts, wherein at least the first user is able to move within the respective part of the system, the gateway being arranged in use between the first and second parts, the gateway comprising a register for storing information associating the first and second users and for storing information relating to the current location of the first user so that information from the second user can be directed to first user, wherein the first user is a mobile terminal which is in communication with a base station which is coupled to a respective network element and information relating to the the identity of the network element is stored in the register as the current location information of the first user and an identifier allocated in the network element which is arranged to receive communications intended for the first user is stored in the register.

20. (Currently Amended) A communication system comprising a ~~subnetwork~~ subsystem connected to a network, the ~~sub~~ network comprising a first part and a second part, the first and second parts being connected so that a first user in one of the first and second parts can communicate with a second user in the other of the first and second parts, the subsystem further comprising a gateway element between the first and second parts, the gateway comprising a register for storing information associating the first and second users, wherein the gateway is arranged to check the source and destination of all information sent between the first and second users in the first and second parts and to permit the information to be passed through the gateway if the source and destination information matches the information stored in the register, wherein the first user being a mobile terminal which is in communication with a base station which is coupled to a respective network element and information relating to ~~the~~ the identity of the network element is stored in the register as the current location information of the first user and an identifier allocated in the network element which is arranged to receive communications intended for the first user is stored in the register.

21. (Currently Amended) A communications system comprising a ~~subnetwork~~ subsystem connected to a network, the network having a first part and a second part, the first and second parts being connected so that a first user in one of the first and second parts can communicate with a second user in the other of the first and second parts,

wherein at least the first user is able to move within the respective part of the system, the subsystem further comprising a gateway for permitting communications between the first and second parts, the gateway comprising a register for storing information associating the the first and second users and for storing information relating to the current location of the first user so that information from the second user can be directed to first user, the register storing source and destination ports and addresses, at least one of the source and destination addresses and ports being of the first and second user.

22. (Currently Amended) A gateway for use in a communications system comprising a ~~subnetwork~~ subsystem connected to a network, the ~~sub~~network comprising a first part and a second part, the first and second parts being connected so that a first user in one of the first and second parts can communicate with a second user in the other of the first and second parts, wherein at least the first user is able to move within the respective part of the system, the gateway being arranged in use between the first and second parts, the gateway comprising a register for storing information associating the first and second users and for storing information relating to the current location of the first user so that information from the second user can be directed to first user, the register storing source and destination ports and addresses, at least one of the source and destination addresses and ports being of the first and second user.

23. (Currently Amended) A communication system comprising a subsystem subnetwork connected to a network, the subnetwork comprising a first part and a second part, the first and second parts being connected so that a first user in one of the first and second parts can communicate with a second user in the other of the first and second parts, the subsystem further comprising a gateway element between the first and second parts, the gateway comprising a register for storing information associating the first and second users, wherein the gateway is arranged to check the source and destination of all information sent between the first and second users in the first and second parts and to permit the information to be passed through the gateway if the source and destination information matches the information stored in the register, the register storing source and destination ports and addresses, at least one of the source and destination ports being of the first and second user.

24. (New) A communications system comprising a subsystem connected to a network, the network having a first part and a second part, the first and second parts being connected so that a first user in one of the first and second parts can communicate with a second user in the other of the first and second parts, wherein at least the first user is able to move within the respective part of the system, the subsystem further comprising a gateway for permitting communications between the first and second parts, the gateway comprising a register for storing information associating the the first and second users and for storing information relating to the current location of the first user so that

information from the second user can be directed to first user, wherein the first user is a mobile terminal which is in communication with a base station which is coupled to a respective network element and information relating to the the identity of the network element is stored in the register as the current location information of the first user and an identifier allocated in the network element which is arranged to receive communications intended for the first user is stored in the register, wherein a gatekeeper element is arranged to control the updating of the register and the handover of the first user between base stations and their respective network elements and the gatekeeper element is defined by the second user as the initial destination during call setup and the gatekeeper is arranged to poll a plurality of network elements to determine the location of the first user.